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2 **ABSTRACT OF THE DISCLOSURE**

3 A medium voltage controller for electrical equipment, such as motors,  
4 transformers, reactors, and capacitors, having an arc-resistant cabinet, swaged  
5 internal electrical connections, a one-piece self-aligning withdrawable finger cluster, a  
6 pull-out instrument compartment, a load discharge device, east fuse holders,  
7 disconnect switch, a switch illuminator, low power current transformers, and an  
8 optical temperature measuring system. The load discharge device is compact and  
9 provides fast earthing of the load-side cables. The device has a scissors-type linkage  
10 and is charged by compressing at least one spring. The scissors-linkage, when in an  
11 almost-straight-line alignment, holds the compressed springs. An actuator moves one  
12 member of the scissors-linkage, thereby removing the holding alignment of the  
13 scissors-linkage. The springs move an earthing bar at high acceleration to ground the  
14 line-side cables.